

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/017119 A2

(51) International Patent Classification⁷:

C12N

(74) Agents: SHAYESTEH, Laleh et al.; 170 Harbor Way, P.O. Box 511, South San Francisco, CA 94083-0511 (US).

(21) International Application Number:

PCT/US2004/026339

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 12 August 2004 (12.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/495,172 14 August 2003 (14.08.2003) US

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): EX-ELIXIS, INC. [US/US]; 170 Harbor Way, P.O. Box 511, South San Francisco, CA 94083-0511 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FRANCIS-LANG, Helen [GB/US]; 1782 Pacific Avenue, Apt. 2, San Francisco, CA 94109 (US). WINTER, Christopher, G. [US/US]; 641 Homer Avenue, Palo Alto, CA 94301 (US). VENTURA, Richard, Benn, Abegania [CA/US]; 290 Bay Ridge Drive, Daly City, CA 94014 (US). HEUER, Timothy, S. [US/US]; 581A Paloma Avenue, Pacifica, CA 94044 (US). LICKTEIG, Kim [US/US]; 1921 Grove Street, San Francisco, CA 94117 (US).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/017119 A2

(54) Title: UPS AS MODIFIERS OF THE BETA CATENIN PATHWAY AND METHODS OF USE

(57) Abstract: Human UP genes are identified as modulators of the beta catenin pathway, and thus are therapeutic targets for disorders associated with defective beta catenin function. Methods for identifying modulators of beta catenin, comprising screening for agents that modulate the activity of UP are provided.